Application No.: 10/563,957 Attorney Docket No.: 07481.0043-0000

## **AMENDMENT TO THE TITLE:**

Please change the title to read as follows:

**IMAGE PROCESSING APPARATUS** 

Application No.: 10/563,957

Attorney Docket No.: 07481.0043-00000

## **AMENDMENTS TO THE SPECIFICATION:**

Please delete Equation (2-3) on page 24 of the as-filed specification and replace it with Equation (2-3) as shown below:

$$\begin{bmatrix}
R_e(\phi, \theta) = \begin{pmatrix}
\cos \theta & 0 & \sin \theta \\
-\sin \phi \sin \theta & \cos \phi & \sin \phi \cos \theta \\
-\cos \phi \sin 0 & -\sin \phi & \cos \phi \cos 0
\end{pmatrix} \cdots (2-3)
\end{bmatrix}$$

$$R_{e}(\phi, \theta) = \begin{pmatrix} \cos \theta & 0 & \sin \theta \\ -\sin \phi \sin \theta & \cos \phi & \sin \phi \cos \theta \\ -\cos \phi \sin \theta & -\sin \phi & \cos \phi \cos \theta \end{pmatrix} \cdots (2-3)$$

Please delete Equation (9-1) on page 32 of the as-filed specification and replace it with Equation (9-1) as shown below:

$$\left[\left[\overline{q} = \begin{pmatrix} \phi \\ 0 \end{pmatrix} \cdots (9-1)\right]\right] \quad \overline{q} = \begin{pmatrix} \phi \\ \theta \end{pmatrix} \cdots (9-1)$$